

What is claimed is:

1. A method of changing a recording mode from CAV (Constant Angular Velocity) to CLV (Constant Linear Velocity), comprising the steps of:

5 (a) reading data encoded in a wobble signal of physical track reproduced while recording input data to a recording medium;

(b) detecting a predetermined signal among the read data; and

10 (c) determining when to change the recording mode based on the detected signal.

2. The method set forth in claim 1, wherein said predetermined signal is a sync signal contained in the encoded data.

15 3. The method set forth in claim 1, wherein said step (b) detects period of the predetermined signal.

4. A method of changing a recording mode from CAV (Constant Angular Velocity) to CLV (Constant Linear Velocity), comprising the steps of:

20 (a) recording input data to an installed recording medium in CAV mode; and

(b) measuring frequency of a low-frequency component of a wobble signal, which is generated during said recording, formed along a spiral physical track and determining when to change the recording mode based on the measured frequency.

25 5. The method set forth in claim 4, wherein said step (b) converts the wobble signal to a square wave and counts pulses of

the square wave.

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